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WHAT IS CLAIMED IS:

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1. An optical disk apparatus capable of recording a signal on an optical disk by directing an optical beam thereon at a plurality of recording speeds, said apparatus comprising:

10 a condition measuring position storing part that stores one or more condition measuring positions at which a condition of the signal is measured for each of the recording speeds; and

 a signal condition measuring part that measures
15 the condition of the signal by suspending a recording operation at the condition measuring positions stored in said condition measuring position storing part,

 wherein, in said condition measuring position storing part, the condition measuring positions for a
20 recording speed whose level is one level lower than a level of a predetermined recording speed are set to positions shifted for a predetermined time from respective condition measuring positions for the predetermined recording speed.

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2. The optical disk apparatus as claimed in
30 claim 1, wherein the predetermined time is set to a time interval from when the predetermined recording speed is changed to the lower level recording speed until the recording operation is stabilized after the recording

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operation is resumed at the lower level recording speed.

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3. The optical disk apparatus as claimed in claim 2, wherein the predetermined time is set to two minutes in absolute time that is set to the optical disk in advance.

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4. A condition measuring method of measuring a condition of a signal recorded on an optical disk by an optical disk apparatus capable of recording the signal on the optical disk by directing an optical beam thereon at a plurality of recording speeds, said method comprising the steps of:

20 setting second condition measuring positions for a second recording speed whose level is one level lower than a level of a predetermined recording speed to positions that are shifted for a predetermined time from first condition measuring positions for the predetermined recording speed; and

25 measuring the condition of the signal by suspending a recording operation at the first and the second condition measuring positions at the predetermined recording speed and the second recording speed,
30 respectively.

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5. The condition measuring method as claimed in claim 4, wherein the predetermined time is a time interval from when the predetermined recording speed is changed to the second recording speed until the recording operation is stabilized after the recording operation is resumed at the second recording speed.

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6. The condition measuring method as claimed in claim 5, wherein the predetermined time is set to two minutes in absolute time that is set to the optical disk in advance.

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7. A condition measuring position setting method of setting a condition measuring position at which a condition of a signal recorded on an optical disk is measured by an optical disk apparatus capable of recording the signal on the optical disk by focusing an optical beam thereon at a plurality of recording speeds, said method comprising the steps of:

arbitrarily setting first condition measuring positions for a maximum recording speed;

setting second condition measuring positions for a second recording speed whose level is one level lower than a level of the maximum recording speed to positions that are shifted for a predetermined time from the respective first condition measuring positions; and

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when setting third condition measuring positions
for a third recording speed whose level is lower than the
level of the second recording speed, setting the third
condition measuring positions to positions that are
5 shifted for the predetermined time from respective
measuring positions of a recording speed whose level is
one level higher than the level of the third recording
speed.

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8. The condition measuring position setting
method as claimed in claim 7, wherein the predetermined
15 time is a time interval from when a predetermined
recording speed is changed to a one level lower recording
speed until a recording operation is stabilized after the
recording operation is resumed at the lower level
recording speed.

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9. The condition measuring position setting
25 method as claimed in claim 8, wherein the predetermined
time is set to two minutes in absolute time that is set to
the optical disk in advance..